

Notice of Allowability

Application No.

10/089,899

Examiner

Inder P Mehra

Applicant(s)

PIHLAJA, JUHA

Art Unit

2666

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment dated: 8/25/04.
2. ☒ The allowed claim(s) is/are 1-6, 31, and 7-32 (Renumbered as 1-32 respectively).
3. ☒ The drawings filed on 25 August 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

1. This office action is in response to Amendment dated: 8/25/04. Based on this Amendment, claims 1-32 are pending, claims 1-16 have been amended, and claims 17-32 are newly added.

Allowable Subject Matter

2. Claims 1-32 are allowed.

REASONS FOR ALLOWANCE

3. The following is an examiner's statement of reasons for allowance:
 - a. The prior art of record does not teach, suggest, or disclose fairly the following limitations of the claims in combination with other limitations of claims:

As recited by claim 1,

“transmitting a first transmission block comprising a first data portion from the arbitrarily sized sequence of data said first data portion having a first predetermined length M; and

transmitting a second transmission block comprising a second data portion of the arbitrarily sized sequence of data, said second data portion having a variable length S less than a second predetermined length N;

wherein the first transmission block further comprises a field in which a total length of the arbitrarily sized sequence of data is indicated”.

As recited by claims 7 and 12,

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“means for splitting an arbitrarily sized sequence of data to be transmitted into at least two portions, a first portion of said at least two portions having a predetermined size M , a second portion of said at least two portions having a variable length S which is less than a second predetermined length N ;

means for indicating a total length of said arbitrarily sized sequence, wherein said indication is appended to said first portion and both are transmitted in a first block, and wherein said second portion is transmitted in a second block;

means for encoding said blocks for transmission; and

means for transmitting said blocks, said first block first”.

As recited by claims 11 and 14,

“means for receiving and decoding a first transmission block comprising a first portion of an arbitrarily sized data sequence to be received;

means for determining a total length of said arbitrarily sized data sequence on the basis of information in said first transmission block;

means for determining a variable length S of a second transmission block to be received at least partly on the basis of said determined total length of said arbitrarily sized data sequence; and

means for determining a number F of one or more third transmission blocks to be received, if any”.

As recited by claim 16,

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“transmitting a first transmission bloc with a first data portion of a first predetermined length M from the arbitrarily sized sequence of data. and a field indicating a total length T of the arbitrarily sized sequence of data;

if the total length T of the arbitrarily sized sequence of data is greater than M , transmitting a second transmission block with a second data portion of variable length S from the arbitrarily sized sequence of data, wherein S is less than a second predetermined length N ; and

if the total length T is greater than the sum of M and the second predetermined length N , transmitting one or more third transmission blocks, each third transmission block having a data portion of length from the arbitrarily sized sequence of data ;

whereby a receiver of the arbitrarily sequence of data may determine a number and size of all transmission blocks, if any, after the first transmission block from the field of indicating length T in the first transmission block”.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Inder P Mehra whose telephone number is 571-272-3170. The examiner can normally be reached on Monday through Friday from 8AM to 5PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema Rao can be reached on 571-272-3174. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Inder Pal Mehra

Inder P Mehra

Examiner

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DAKOTAI
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